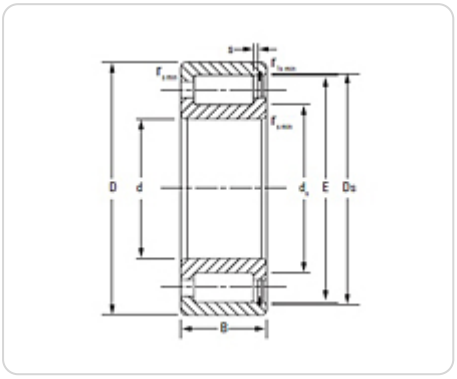
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Part Number NCF1896V, Cylindrical Roller Radial Bearings - Full Complement





Key Features

- High radial load capacity
- Full-complement construction, no cage included
- Can manage axial loads in one direction and small axial displacement
- Sold as a completely unitized assembly
- Enhanced operational reliability due to optimized bearing design and reduced heat generation
- Long service life

Key Dimensions

Bore (d)	480 mm
O.D. (D)	600 mm 23.6220 in
Width (B)	2.2047 in 56 mm
Dynamic Radial Load Rating - 1M Revs (C1)[1]	1040000 N 234000 lbf

Other Dimensions

Weight	34.2 Kg 75.2 lb
Shaft Backing Shoulder Dia.	509 mm 20.04 in
Housing Backing Shoulder Dia.	576.1 mm 22.68 in
Max Shaft Fillet Radius LF ID	0.098 in 2.5 mm
Max Shaft Fillet Radius RF ID	3 in 0.12 mm
Max Housing Fillet Radius LF OD	3 in 0.12 mm
Max Housing Fillet Radius RF OD	0.098 in 2.5 mm
DUR/DOR F/E	573 mm 22.5591 in
Permissible Axial Displacement (S3)[2]	4.00 mm 0.157 in

Ratings

Static Radial Load Rating (C0)	2090000 N 471000 lbf
Thermal Reference Speed - Oil	390 rpm
Thermal Reference Speed - Grease	340 rpm

Factors

Geometry Factor (Cg)	0.2266 mm

[1] Based on 1 x 10^6 revolutions L_{10} life, for the ISO life calculation method.

[2] Permissible axial displacement from normal position of one bearing ring in relation to the other.